



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: First Tuesday of the month.
- The RARS net meets every night except Saturdays @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 p.m. in place of the RARS net.
- RARS meets for a monthly dinner on the 2nd Tuesday of each month.

PUBLIC SERVICE

Special Olympics North Carolina 2013: May 31-Jun 1

2013 MSfits Ice Cream Ride: June 15

2013 Firecracker 50/100k: July 4

2013 Velo4yellow: July 20

2013 Cup 'N' Cone Tour: July 27

To sign up or learn more, visit http://www.rars.org/public-service/ps_signup.php.

RARS General Meeting

What: "Field Day 2013" by Bob Starkenburg W4TTX

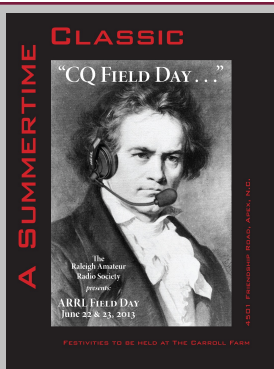
Watch the [RARS 2012 Field Day](#) teaser!

Date: Tuesday, June 4, 2013

Time: Refreshments, 7:00 p.m.; meeting, 7:30 p.m.

Where: First Alliance Church, 4400 Buffaloe Rd.,

Raleigh, NC ****N.B.: Last Meeting at this location****



Join Us for Field Day 2013!

June 22-23, 2013

4501 Friendship Road, Apex

For complete information, please visit
<http://www.rars.org/fieldday.php>.

New Meeting Location Beginning in July

Meeting Location to Change in July

Tuesday, July 2, 2013

RLCB – 3200 Bush Street, Raleigh, NC, 7:30 p.m.

By Greg Seamster, KE4PAX

We would like to thank First Alliance Church for providing RARS with meeting space for the past several years. First Alliance is in the process of evaluating the use of their facility and they have asked organizations that are not core to their mission to find a new meeting location. The last RARS meeting at First Alliance will be June 4, 2013.

The new meeting location, beginning with the **July 2, 2013**, meeting will be RLCB, Inc. (formerly Raleigh Lions Clinic for the Blind), located at 3200 Bush Street, Raleigh, NC 27609.

This location is convenient to the Raleigh I-440 Beltline. Take the
See Location Change, continued on p. 4

RARS Officers

PRESIDENT

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W4CHX
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VICE PRESIDENT

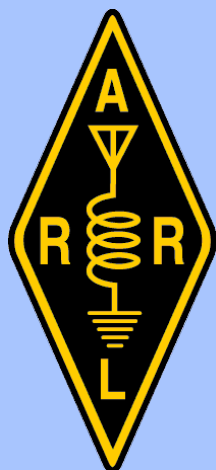
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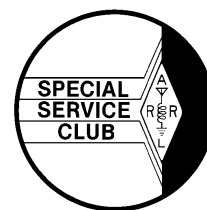
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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.



Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The *Exciter* is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The *Exciter* welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's *Exciter* is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the *Exciter* are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Cathy Downs, KA3QPU, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: First Tuesday of each month
(except for January 2013)

Location: First Alliance Church
4400 Buffaloe Road
Raleigh, N.C. *Last meeting in June*

Time: People begin arriving at 7 p.m.
The meeting officially begins at
7:30 p.m.

RARS Monthly Dinner

Join us on the second Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non-members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing at the February, May, August, and November RARS meetings; the RARSFest in April; the Cary Swapfest in July; the JARSFest in November; and following RARS license classes.

Please bring a photo ID, your current license, a copy of your current license, your \$14 exam fee, and any CSEs you have for credit. Visit www.rars.org for

Message from the President

I know that everyone is looking forward to, and making plans to participate in, ARRL Field Day 2013. This year, Field Day will be held on the weekend of June 21-23, 2013. One week prior to that event, however, RARS will be participating for the first time in Maker Faire NC 2013, along with Triangle ATV, OCRA, and the ARRL NC Section.

Some comments about Maker Faire were included in my column last month, but they are worth repeating. According to their website, "Maker Faire is the Greatest Show (and Tell) on Earth—a family-friendly showcase of invention, creativity and resourcefulness, and a celebration of the Maker movement. It's a place where people show what they are making, and share what they are learning." (<http://makerfairenc.com/about-mfnc/>, accessed on April 23, 2013).

Maker Faire NC 2013 will be held on Saturday, June 15, at the NC State Fairgrounds, Kerr Scott Building, from 10:00 a.m. to 6:00 p.m. The do-it-yourself spirit of ham radio should fit in well at Maker Faire NC 2013. Hopefully, we will attract new participants to our great hobby.

At DurHamFest (5/25), six individuals met to discuss our plans for Maker Faire NC 2013, including Woody Woodward, K3VSA, the ARRL NC Section Public Information Coordinator, and RARS club members, Alan AB4OZ, Dennis NC4DK, Murray K4MHM, Chuck W3WZN, and me. Woody K3VSA told us that we can expect large crowds, non-stop talking with the attendees, little space to display or demonstrate items, and a noisy environment—voices and QRM!

Undaunted, we discussed many items that could be displayed or demonstrated, including: QRP radios ("tuna can projects," kit-built radios, etc.) and code oscillators; a binary clock; RC airplane; and possibly, VHF/UHF communications with Echolink (or similar) and/or ATV reception. We will have club banners to display, brochures to distribute, and for former hams, information on re-licensing and club activities.

See **President's Message**, continued on p. 4

April Traffic Stats

RARS Two Meter Traffic/Ragchew Net

Check-ins: 575
Traffic: 40/33
Minutes: 540
Sessions: 30

Special Interest Nets

Check-ins: 90
Minutes: 360
Sessions: 8

Starting in May, the Tech and Trader's net will be on Saturdays at 8 p.m. in place of the regular RARS Traffic/Ragchew Net. The Tech and Traders net numbers are included under "Special Interest Nets."

President's Message, from p. 3

Are you interested in getting involved with Maker Faire NC 2013? We could use some help! Final planning will be done via email and individuals are needed to staff the booth. If you would like to help with Maker Faire NC 2013, please contact me via email at w4chx@arrl.net.

Finally, don't forget about the upcoming public service events! Please visit the RARS website or contact John AI4RT at ai4rt@hotmail.com to volunteer for these events.

73, Karl W4CHX



Events, Hamfests & Conventions

Winston-Salem Classic Hamfest | Jun. 8

Location: Winston-Salem, NC

Website: <http://w4nc.com>

Firecracker Hamfest | Jul. 6

Location: Salisbury, NC

Website: <http://rowanars.org>

Mid-Summer Swapfest | Jul. 20

Location: Cary, NC

Website: <http://www.qsl.net/n4nc/swapfest.html>

WCARS Hamfest | Jul. 27

Location: Waynesville, NC

Website: <http://wcars.org>

15th Annual Cape Fear Amateur Radio Swapfest | Aug. 3

Location: Fayetteville, NC

Website: <http://www.cfarsnc.org>

NC Section Convention (Shelby Hamfest) | Aug. 31

Location: Shelby, NC

Website: <http://www.shelbyhamfest.org>

www.rars.org

New RARS Members

| | |
|----------------|--------|
| Jeff Kennon | KK4KLZ |
| Ron Tsolis, Sr | KI4UIQ |

June Birthdays

| | | |
|---------|--------|-------|
| Dan | AC8DH | 06/01 |
| Bob | K1RCB | 06/01 |
| John | KK4JCN | 06/03 |
| Dawn | KD4EVV | 06/03 |
| Shelby | NC4SH | 06/06 |
| Sean | NC4ST | 06/07 |
| Rick | N4VQT | 06/07 |
| Raymond | KK4OOQ | 06/08 |
| Sandy | KJ4HTA | 06/09 |
| David | W4OFO | 06/10 |
| Charles | NZ0I | 06/11 |
| Steve | KA8HXX | 06/21 |
| William | W4AK | 06/21 |
| Bobbie | KD4ZVW | 06/22 |
| Kelly | KD4EWG | 06/24 |
| Lanny | K1LEC | 06/24 |
| Marian | K1MRB | 06/24 |
| Bob | AH2X | 06/27 |

Location Change, from p. 1

Wake Forest Road exit North and turn right on Navaho Drive across from Denny's Restaurant. Travel four tenths of a mile on Navaho Drive, then turn left on Bush Street. RLCB will be on the right.

Maysville Hamfest | Oct. 13

Location: Maysville, NC

Info.: <http://www.arrl.org/hamfests/maysville-hamfest-3>

2014 Charlotte Hamfest | March 7

Location: Concord, NC

Website: <http://www.charlottehamfest.org>

2014 Raleigh Hamfest | Apr. 19

Location: Raleigh, NC

Website: <http://www.rars.org/hamfest>

Minutes

Board of Directors Meeting *Raleigh Amateur Radio Society* *April 16, 2013*

Present: Bob KI4YXM, Greg KE4PAX, Bob W4TTX, Karl W4CHX, Don WA4AVU, Marty W4MY, Ken WA4JJW, CJ NC4CJ, Chuck K4HF, Murray K4MHM, John AI4RT, Charlie WB4DCM

Guests: David KF4VXJ, Chuck W3WZN.

1. **Call to order (Karl W4CHX):** Karl W4CHX called the meeting to order at 7:00 PM.
2. **Approval of minutes (Karl W4CHX):** The minutes were approved as presented.
3. **Vice President's report (C.J. NC4CJ):** Since the ham club in Boston was supporting the Boston Marathon, she will see if they have any "lessons learned" regarding the bomb attack. This will happen midsummer.
4. **Treasurer's report (Greg KE4PAX):** RARS currently has 327 members. If any RARS member has questions regarding the budget, please contact Greg KE4PAX or Karl W4CHX for more information.
5. **Secretary's report (Bob KI4YXM):** No report
6. **Committee reports:**
 - a. **Public Service Director (John AI4RT):** John AI4RT review upcoming events and then remarked on the prior MS fits events where we had to deal with an emergency during the event.
 - b. **Public Information Officer (Ken WA4JJW):** Ken needs help on what we should be doing for Maker Fair.
 - c. **Education Director (Murray K4MHM):** Murray K4MHM is considering another class. He may focus this on the Boy Scouts. He has been in contact with the executive director and each of the districts regarding classes, merit badge work and JOTA. He will suggest the any interested scouts come to field day and operate the GOTA station.
 - d. **Field Day Chair (Bob W4TTX):** Cliff W4FT is band captain for 15m CW. We will be either class 9A or 10A this year. He will try to have a demo on antennas this year.

- e. **FM Repeater Chair (Karl W4CHX):** All equipment for the two 2M (.13 and .640 is in place and awaiting action by Danny. (Danny is “booked” but will eventually get to the work.) Regarding the building at Bay Leaf, wall repairs have been completed. Next action is to fix the roof and the siding. Last steps will be to refit the interior.
- f. **RARSFest Chair (John AI4RT):** A brass key was stolen from a vendor table. This incident was referred to the Fair Grounds police. Chuck W3WZN will be helping to organize next year and John will focus on the vendor tables. We had plenty of volunteers this year. Greg had charts reviewing RARSFest income over the last several years.
- g. **Exciter Chair (Cathy KA3QPU):** Please send articles. Cathy KA3QPU also expressed thanks to those who have sent articles.
- h. **Hospitality Chair (Charles WB4DCM):** Charles WB4DCM is tracking general meeting attendance, using an Excel spreadsheet. He is sending copies to Karl W4CHX.
- i. **Net Manager (Mary KG4OQA):** No report.
- j. **ARRL Liaison (Chuck K4HF):** No Report.
- k. **At-Large Director (Don WA4AVU):** No report.
- l. **W4DW/W4RNC Trustee (Jeff AC4ZO):** No report.
- m. **RARS VE Coordinators (Joe WA4GIR and Liz KO4CK):** RARS Hamfest VE Test Session:
 - i. The 2013 RARSFest VE test session was, as usual, a very busy one. We processed 62 individuals and administered a total of 81 exam elements. After the session, we had six new Extras, 23 new Generals, and 19 new Technicians. Of the new Generals, four people passed both their Technician and General exams at the session and one of those only missed passing the Extra exam by one question. Unfortunately, there were 14 who did not get what they tested for. Most of the people who attended were from within the state. Two were from Virginia.
 - ii. We started the session at 9:00 and finished up around 11:00. Many thanks to our dedicated team for doing their usual outstanding job of processing everyone in a timely manner. The team included: Ed Best (AK4W), Fred Breadth (AG4WE), Cliff Broughton (AG4XR), Charlie Brown (W4VFJ), Charles Covey (AK4GV), Bob Chick (AH2X), Daniel DE Court (W3WDD), Chuck Hall (AE4CD), Steve Jenkins (KA8HXX), Julie Royster (KI4OTM), Larry Royster (KI4FYR), and Philip Snyder (NC4UK). Without the help of our team, we would never be able to give the number of exams we do in the time allotted. There are many other team members who were working diligently in other areas of the RARSfest and some of those said that if they were really needed, they would arrange to break

away and help with the session. We couldn't ask for a better team and all are very much appreciated.

iii. We will next be giving exams at the May 7th club meeting.

n. **RARS Webmaster (Hank K4HM):** No report.

o. **North Carolina QSO Party (Marty W4MY):** Scoring is complete. Plaques are ordered. Will close out this year's event and start planning for next year's event.

7. **Old business:**

a. **Purchasing amateur radio books for NCSU Libraries (Karl W4CHX):** Karl W4CHX recommended that RARS proceed with donating the books to the NCSU Libraries. We will select the books and let the University figure out where they will be put.

8. **New business:**

a. Greg presented a draft of next year's budget for 2013-2014. Volunteers for doing a financial review of the books are CJ NC4CJ, Bob KI4YXM and CharlieWB4DCM.

b. A new meeting place for board meetings must be found. Karl W4CHX and Bob KI4YXM will take the lead.

9. **Any other business:** There was no other business.

10. **Board member's comments:**

a. Chuck K4HF noted that RARSFest needs plenty of help from club members.

b. David KF4VXJ stated that more qualified people are needed to help support the Red Cross.

11. **Adjournment (Karl W4CHX):** The meeting was adjourned at 8:47 p.m.

Field Day 2013 Schedule & Activities:

Saturday, June 22 – Sunday, June 23.

Antenna launcher contest--10:00 a.m., Saturday

Field Day on-air radio activities begin--2:00 p.m., Saturday

Educational session on easy-to-build antennas--3:00 p.m. Saturday

Visitors Booth

GOTA (Get On The Air station)

American Red Cross ERV on-site



Minutes

General Membership Meeting Raleigh Amateur Radio Society May 7, 2013

1. **Call to order:** CJ NC4CJ called the meeting to order at approximately 7:35 p.m. There were 51 individuals in attendance.
2. **Approval of minutes:** The Minutes of the RARS General Membership meeting on April 2, 2013, were approved as presented.
3. **Introductions of Guests:** Jay Dick, Gary KK4QEA and Ron KI4UYQ.
4. **Vice President's report (CJ NC4CJ):** No Report
5. **Treasurer's report (Greg KE4PAX):** Greg KE4PAX reported that RARS has 328 members. If any RARS member has any questions, please contact Greg KE4PAX or Karl W4CHX for further information.
6. **Announcements (CJ NC4CJ):**
 - a. **General Meeting:** CJ NC4CJ stated that the July meeting will be moved from 1st Alliance Church. Details on where we will be meeting will be announced at the June meeting
 - b. CJ NC4CJ thanked everyone who participated in RARSFest.
 - c. Upcoming RARS events and hamfests: CJ NC4CJ reminded everyone to see the Exciter or the ARRL website for further information.
 - d. CJ NC4CJ reminded everyone that Maker fair is scheduled for June 15 at the Kerr Scott Building.
 - e. **After meeting gathering:** The after meeting gathering will be held at Applebee's, Six Forks and Wake Forest Roads (by the Costco).
7. **Reports from RARS Board members and others:**
 - a. CJ NC4CJ reported that Jack Foster is making progress. Please keep him in your thoughts. Also send him a card

- b. **Public Service:** John AI4RT reminded everyone to review upcoming events and sign up. He especially needs volunteers for the Friday Special Olympics.
 - c. **Bob W4TTX Field day chair.** Bob announced that tee shirts can be ordered on the RARS web site. Cost is \$21 for small thru XL Amount is due at pickup on Field Day. Bigger sizes will cost more. Bob also announced that we need operators for the 40 CW station.
 - d. **NCQP:** Marty W4MY reported that the 2013 NCQP is “in the books” and winners are on the web site.
8. **Any other business:** There was no other business brought before the membership.
9. **Drawing:** The winners of the drawings were Lou K4BYN, Hank K4HM and Virginia NC4VA.
10. **Program:** The program was a presentation by Bill AK4BL, Marty W4MY and Paul AA4XX on the AAIM417C Antenna Analyzer.
11. **Adjournment:** The meeting was adjourned at approximately 8:33 p.m.

All about RLCB

Information about RLCB came from their website, www.rlcbl.net. Edited by Cathy Downs KA3QPU.

RLCB, Inc., formerly known as the Raleigh Lions Clinic for the Blind, is a private, nonprofit, self-sustaining manufacturer and business services provider. The RLCB mission is to empower people who are blind and visually impaired through employment opportunities and services to achieve social and economic equality. They serve consumers who are blind, legally blind, visually impaired and Deaf-Blind.

A partnership between the North Carolina Division of Services for the Blind and the Raleigh Lions Club created RLCB on November 15, 1966. Originally organized to provide evaluation, training and job placement services, RLCB has expanded its business and is now an Ability One preferred vendor and leader in textile cutting and sewing.

A workforce comprised of 81 per cent blind or visually impaired staff members manufactures RLCB's products. Their services and products initially were sold just to the federal government

through military contracts. RLCB currently operates seven military base supply stores, selling office supplies, individual equipment elements, military clothing and supplies throughout the U.S. RLCB also provides Call Center and Switchboard Services.

In 1997, the Veterans Administration Medical Centers in Kentucky selected RLCB, Inc., as their outsourced provider for switchboard operations. RLCB was awarded a multi-year contract to provide 7/24/365 coverage. The staff manages 130,000 incoming calls annually,

executes all the medical “code alert” announcements, fire and alarm conditions, and provides other public address systems announcements to locate staff within the medical

facilities. RLCB staff also interacts with patients, medical personnel and families.

If you know of a company or organization in need of Call Center Services, refer them to RLCB. For more information or to schedule an informational tour, contact Sharon Giovinazzo, VP of Development and Community Relations, at sgiovinazzo@rlcb.net or [919-256-4241](tel:919-256-4241). To volunteer or make a donation, visit www.rlcbl.net.



RARS Classifieds

RARS Members: [Post](#) a new 30 day listing or [Edit](#) your current listings at www.rars.org/classifieds.php. The items below were listed within the last 30 days.

For Sale: Kenwood TS-850 transceiver

Posted May 25th, 2013

by: K4MHM

Contact: K4MHM@arrl.net

Includes: internal tuner, CW filters, hand mike, manual, power wire and box: \$650.00

Murray, K4MHM

Raleigh, NC

mmmm0320@gmail.com

919-803-7973

Technical Manual TM11-607: Radio Sets AN/VRC-2 and AN/VRC-2X

Posted May 7th, 2013

by: N4KYW

Contact: howagood@yahoo.com

ATTENTION RADIO AMATEURS AND COLLECTORS OF VINTAGE/ MILITARY ELECTRONICS:

Here's Department of the Army Technical Manual TM11-607, Circa 1953, covering the US Army and Air Force radio sets AN/VRC-2 and AN/VRC-2X. Good technical reading, even if you don't own one of these radio sets (or a Jeep).

Condition: Very Good. No creases; no interior markings, save for my named printed at top of front cover. Hey, you get an autographed copy!

Year of Publication: 1953

Physical Size: 8" wide by 10" high

Cover Material: Paperboard (soft cover)

Number of pages: 171

Schematics: Fold-outs at back of book

What you get: Technical Manual 11-607/Technical Order

16-30VRC2-5, Radio Sets AN/VRC-2 and AN/VRC-2X (electronics not included)

Questions welcome. Thanks for taking the time to peruse this ad. Howard, N4KYW



LOCAL AMATEUR RADIO NETS

The **Apex Emergency Response Communications Net** meets weekly each Sunday at 9 p.m. on the 146.640 repeater. The purpose of the net is to assist ham radio operators in preparing to respond to emergencies, test their equipment, improve operating skills, pass traffic, and to provide those with a common interest an opportunity to meet. The Apex ERC Net provides amateur radio emergency communications for The Church of Jesus Christ of Latter-Day Saints' disaster relief efforts. All stations are invited to participate in this net.

Please join us on the **Carolina 440 Net** every Monday night at 7:30 p.m. This ragchew net utilizes the Carolina 440 UHF Link Repeater System. Comprised of the Raleigh, Down East, and Coastal Wilmington link systems, there are currently 19 repeaters on the system, covering 21,168 square miles. For a list of these repeaters, please visit www.carolina440.net.

Please join us each Tuesday at 9:15 p.m. on the 146.880 repeater for the **Central Carolina SKYWARN** net. On each net there are announcements, check-ins by county, and often a program or training spot. Check us out at www.centralcarolinaskywarn.net.

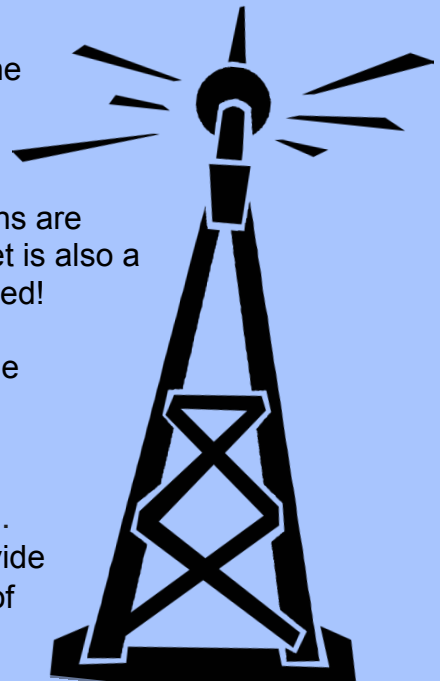
The **PCTN (Piedmont Costal Traffic Net)** meets daily at 9 p.m. on the 146.880 repeater. The purpose of the net is to handle/pass NTS formal messages. Amateur stations are encouraged to check in and participate. The backup repeater is the 147.105 (PL tone 82.5).

The **RARS Technical & Trader's Net** is held on Saturday evenings on the 146.640 repeater at 8:30 p.m.

Join us every evening at 8 p.m. on the 146.640 repeater for the **RARS Two-Meter Net**. You can give a ragchew, check in and out (this counts for our total numbers reported to the ARRL!), make announcements, and pass traffic. We also offer National Traffic System traffic training. All licensed stations are welcome to participate in the net as often as they can. This net is also a great way to learn about amateur radio if you are newly licensed!

The **VOIP Hurricane Net** is held Sundays at 00:00 UTC on the 146.775 repeater with a tone of 88.5 (IRLP node 4260). For information about activation details, go to www.voipwx.net.

The **Wake County ARES Net** meets Thursdays at 9:15 p.m. (after the PCTN TrafficNet) on the 146.88 repeater. We provide discussion and training for the implementation and provision of emergency communications for our served agencies, such as the American Red Cross and the local and state Emergency Operations Center. Please join us. For more information please visit <http://www.wakeares.org>.



Want a By Line?

What's your favorite aspect of amateur radio? SAGing at marathons or bike-a-thons? Moon bounce or APRS? Contests or building projects? How about sharing your interests, knowledge, and experience with RARS in the *Exciter*?

Both technical and non-technical articles are needed for the *Exciter*. You could write up a short piece on your Field Day experience or a more in-depth piece on installing a radio in your new vehicle. We appreciate articles of any length!

To submit an article, just email your piece to the Editor (editor@rars.org). Please feel free to attach any appropriate pictures or graphics. Be sure to include caption information about the images and identify the people in photographs. And always obtain their permission to use their image.



We look forward to learning from each other and broadening our club's knowledge base! Break out those pens, pencils, or keyboards and get writing!

RARS Classifieds

Want to add a new radio to your shack? Have an antenna for sale? Browse the RARS classifieds for new and used radio equipment at <http://rars.org/classifieds.php> or see p. 10 of this newsletter for current listings.

RARS members may post notices about equipment they are selling. Posts last for 30 days and are editable at any time.

Using our classifieds is a great way for buyers to search for available items and for sellers to reach a local, targeted audience.

The Raleigh Amateur Radio Society's

EXCITER

Raleigh Amateur Radio Society, Inc.
PO Box 17124
Raleigh, NC 27619

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RALEIGH, NC
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